



Sheet 1 of

INFORMATION DISCLOSURE
CITATION

ATTY. DOCKET NO.

2018-746

SERIAL NO.

Not yet assigned

APPLICANT

SUGIURA et al (As Amended)

(Use several sheets if necessary)

FILING DATE

July 24, 2003

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4866409	9/1989	Umezaki			

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
TTN	DE 3113743A1	10/1982				
	WO 93/13533	8/1993				
	0388146 A1	9/1990				
	0738831 A2	10/1996				
	0827163 A2	3/1998				
	2512714	09/1976				
	0258036	03/1988				
	2302616A	01/1997				
	10-112413	04/1998				
	1 125519	08/1989				
	1 63120	04/1989				
	62 197831	12/1987				
	9 186034	07/1997				
	5 267072	10/1993				
	3 236208	10/1991				
	2 301105	12/1990				
TTN	58-61615	04/1983				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

TTN	PATENT ABSTRACTS OF JAPAN, Vol. 007, No. 233 (E-204), 15 October 1983 & JP 58 122713A (Hanshin Electric KK), 21 July 1983
	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 005, 31 May 1996 & JP 08 017657 A (Nippondenso Co. Ltd.), 19 January 1996
	PATENT ABSTRACTS OF JAPAN, Vol. 010, No. 035 (E-380), 12 February 1986 & JP 60.192313 A (Nippon Denso KK), 30 September 1985
	PATENT ABSTRACTS OF JAPAN, Vol. 013, No. 254 (E-772), 13 June 1989 & JP 01 053514A (Nippon Denso Co. Ltd.), 1 March 1989
	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 008, 30 August 1996 & JP 08 086267A (Toyo Denso Co. Ltd.), 2 April 1996
	PATENT ABSTRACTS OF JAPAN, Vol. 097, No. 005, 30 May 1997 & JP 09 017662A (Hitachi Ltd: Hitachi Automot Eng Co Ltd), 17 January 1997
	PATENT ABSTRACTS OF JAPAN, Vol. 018, No. 430 (C-1236), 11 August 1994 & JP 06 128471A (Toray Ind Inc); 10 May 1994
TTN	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 003, 29 March 1996 & JP.07 312839 A (Mitsubishi Electric Corp); 28 November 1995
	Engineering Drawing No. 029700-4790 of DENSO dated 1990

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Truyen Nguyen

8/7/04

Form PTO-FB-A820 (Also PTO-1449)

759198

